



RESEARCH NOTE LS-23

LAKE STATES FOREST EXPERIMENT STATION • U. S. DEPARTMENT OF AGRICULTURE

Lake States Pulpwood Production Up While Canadian Imports Drop to All-Time Low, 1962

After a mild setback in 1961, Lake States pulpwood production bounced back with a record cut of approximately 3,342 thousand cords in 1962. This was an increase of 6 percent over 1961 and a shade more than the all-time high recorded in 1960. The increase in cut was regionwide, as each of the Lake States produced more pulpwood than the year before. Michigan continued to be the leading pulpwood producing State with 1,223 thousand cords, Wisconsin was second with 1,140 thousand cords (a record amount for this State), and Minnesota was third with a cut of 979 thousand cords.

Of the total regional production, about 98 percent was roundwood — the remaining 2 percent was wood chips, slabs, and veneer cores. Chipped and unchipped mill residues shipped to pulpmills amounted to approximately 65 thousand cords in 1962, an increase of more than 50 percent over the previous year.

A heavier cut of hardwood species contributed to the overall increase in 1962. White birch, with a 25-percent increase, posted the largest gain of all hardwood species; miscellaneous dense hardwoods

and aspen increased 11 percent and 8 percent respectively. The cut of softwoods, as a group, was about 1 percent less than that of the previous year.

Total 1962 pulpwood receipts at Lake States mills were approximately 3,630 thousand cords, an increase of 5 percent from the previous year. Wisconsin and Minnesota receipts were up 8 percent and 6 percent respectively, while those of Michigan were down 3 percent. Lake States forests supplied 91 percent of the pulpwood received, Canada 6 percent, and Western States 3 percent (see table below). The proportion of wood received from Canada each year has been progressively smaller. Station records show that less than 10 years ago Canadian producers furnished more than 20 percent of the pulpwood consumed by Lake States mills. As a result of this change in source of wood, the proportion of spruce pulpwood supplied by Minnesota forests has generally been increasing. In 1962, Minnesota supplied almost one-half of the spruce needs of the Lake States pulpwood industry.

The table on the reverse side shows pulpwood production, imports, and exports for the Lake States by species, for 1962.

Geographic origin and destination of pulpwood received by Lake States mills, 1962

Species	Percent of pulpwood originating from:					Percent of pulpwood received by mills in:		
	Minn.	Wis.	Mich.	Canada	Other U.S.	Minn.	Wis.	Mich.
Aspen	25	36	38	1	—	26	50	24
Balsam fir	41	18	39	2	—	28	59	13
Birch	3	64	33	—	—	2	77	21
Hemlock	—	43	57	—	—	—	100	—
Pine	30	27	27	6	10	28	58	14
Spruce	47	3	18	32	—	24	70	6
Tamarack	48	29	23	—	—	—	100	—
Misc. hardwoods ¹	9	51	40	—	—	10	57	33
Slabs, etc.	—	54	46	—	—	—	100	—
Wood chips	*	37	17	—	46	*	100	—
All wood material	27	31	33	6	3	23	58	19
Previous year (1961)	28	31	31	9	1	23	57	20

¹ Mostly dense hardwoods.

* Less than ½ of 1 percent.

A. G. HORN
Research Forester
(Forest Economics)

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Production and imports of pulpwood, Lake States, 1962
(in standard cords, unpeeled)

Species and destination	Production by states ¹				Imports			Total Receipts
	Minnesota	Wisconsin	Michigan	Region	Other U.S. ²	Canada	Total imports	
Aspen								
Minn.	392,922	15,080	—	408,002	—	9,825	9,825	417,827
Wis.	13,119	555,672	214,818	783,609	—	—	—	783,609
Mich.	—	1,103	386,027	387,130	—	—	—	387,130
Total	406,041	571,855	600,845	1,578,741	—	9,825	9,825	1,588,566
Balsam fir								
Minn.	68,563	—	—	68,563	—	5,832	5,832	74,395
Wis.	39,662	46,224	69,322	155,208	—	31	31	155,239
Mich.	—	250	34,698	34,948	—	—	—	34,948
Exported ³	1,474	—	—	1,474	—	—	—	—
Total	109,699	46,474	104,020	260,193	—	5,863	5,863	264,582
Birch, white								
Minn.	1,290	—	—	1,290	—	—	—	1,290
Wis.	426	41,457	7,368	49,251	—	—	—	49,251
Mich.	—	—	13,657	13,657	—	—	—	13,657
Total	1,716	41,457	21,025	64,198	—	—	—	64,198
Hemlock								
Minn.	—	—	—	—	—	—	—	—
Wis.	—	42,230	57,004	99,234	—	—	—	99,234
Mich.	—	—	—	—	—	—	—	—
Total	—	42,230	57,004	99,234	—	—	—	99,234
Pine								
Minn.	145,484	208	—	145,692	—	43,073	43,073	188,765
Wis.	55,534	187,493	86,477	329,504	65,464	—	65,464	394,968
Mich.	—	—	97,316	97,316	—	—	—	97,316
Total	201,018	187,701	183,793	572,512	65,464	43,073	108,537	681,049
Spruce								
Minn.	110,021	—	—	110,021	—	1,117	1,117	111,138
Wis.	98,259	15,266	57,918	171,443	—	145,524	145,524	316,967
Mich.	548	26	28,123	28,697	—	—	—	28,697
Exported ³	7,673	—	—	7,673	—	—	—	—
Total	216,501	15,292	86,041	317,834	—	146,641	146,641	456,802
Tamarack								
Minn.	—	—	—	—	—	—	—	—
Wis.	9,273	5,634	4,372	19,279	—	—	—	19,279
Mich.	—	—	—	—	—	—	—	—
Total	9,273	5,634	4,372	19,279	—	—	—	19,279
Misc. dense hdwds.								
Minn. ⁴	34,254	—	—	34,254	—	—	—	34,254
Wis. ⁴	—	178,549	27,133	205,682	—	—	—	205,682
Mich. ⁴	—	—	116,980	116,980	—	—	—	116,980
Exported ³	231	9,358	—	9,589	—	—	—	—
Total	34,485	187,907	144,113	366,505	—	—	—	356,916
Total roundwood								
Minn.	752,534	15,288	—	767,822	—	59,847	59,847	827,669
Wis.	216,273	1,072,525	524,412	1,813,210	65,464	145,555	211,019	2,024,229
Mich.	548	1,379	676,801	678,728	—	—	—	678,728
Exported ³	9,378	9,358	—	18,736	—	—	—	—
Total	978,733	1,098,550	1,201,213	3,278,496	65,464	205,402	270,866	3,530,626
Slabs, etc.								
Minn.	—	—	—	—	—	—	—	—
Wis.	—	7,257	6,082	13,339	—	—	—	13,339
Mich.	—	—	—	—	—	—	—	—
Exported ³	—	—	—	—	—	—	—	—
Total	—	7,257	6,082	13,339	—	—	—	13,339
Wood chips								
Minn.	*	—	—	*	—	—	—	*
Wis.	—	33,870	9,486	43,356	43,015	—	43,015	86,371
Mich.	—	—	—	—	—	—	—	—
Exported ³	—	670	6,512	7,182	—	—	—	—
Total	*	34,540	15,998	50,538	43,015	—	43,015	86,371
All wood material								
Minn.	752,534	15,288	—	767,822	—	59,847	59,847	827,669
Wis.	216,273	1,113,652	539,980	1,869,905	108,479	145,555	254,034	2,123,939
Mich.	548	1,379	676,801	678,728	—	—	—	678,728
Exported ³	9,378	10,028	6,512	25,918	—	—	—	—
Total	978,733	1,140,347	1,223,293	3,342,373	108,479	205,402	313,881	3,630,336

¹ Vertical columns of figures under box heading "Production by States" presents the amount of pulpwood cut in each state.

² Mostly Western States.

³ Pulpwood shipped to mills outside of Region.

⁴ Some balsam poplar in Minnesota, mostly dense hardwoods in other States.

* Negligible.